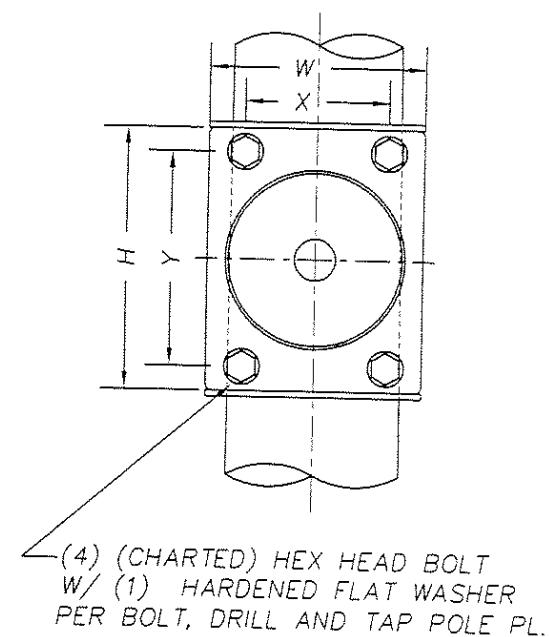
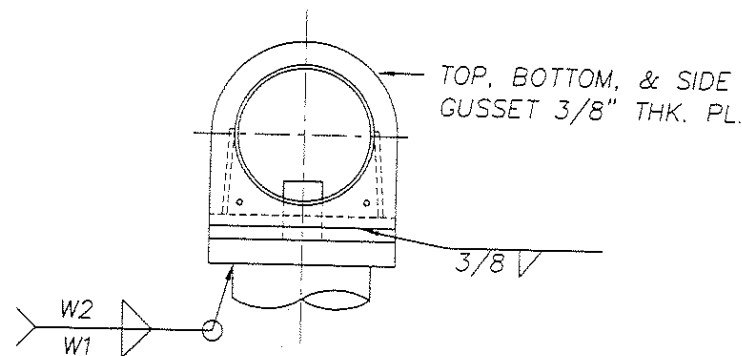
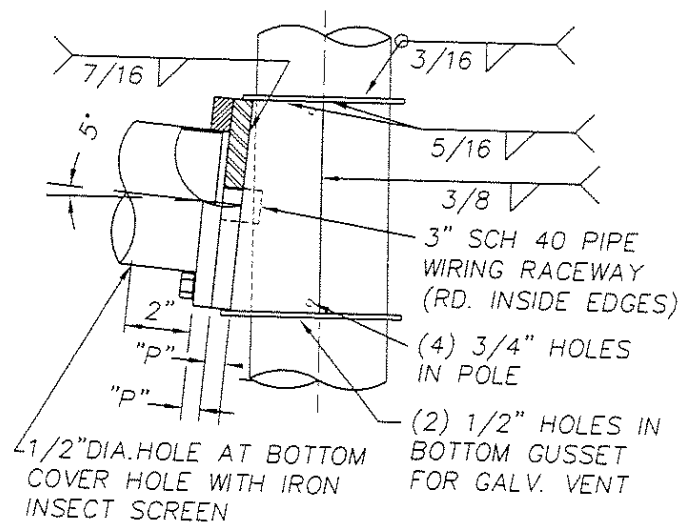


ARM TUBE GAGE	W1	W2
7 GA. (0.179)	1/4	3/16
3 GA. (0.250)	3/8	1/4
0 GA. (0.313)	7/16	5/16

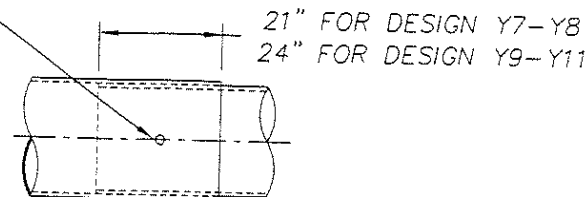


ARM CONN. DETAIL



ARM SPLICE DETAIL

5/8" DIA STUD, W/(2)
LOCK NUTS, FIELD DRILL
INBOARD FOR SNUG FIT.



APPROVED

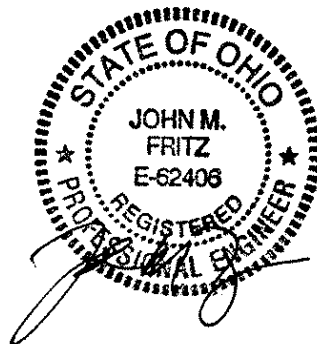
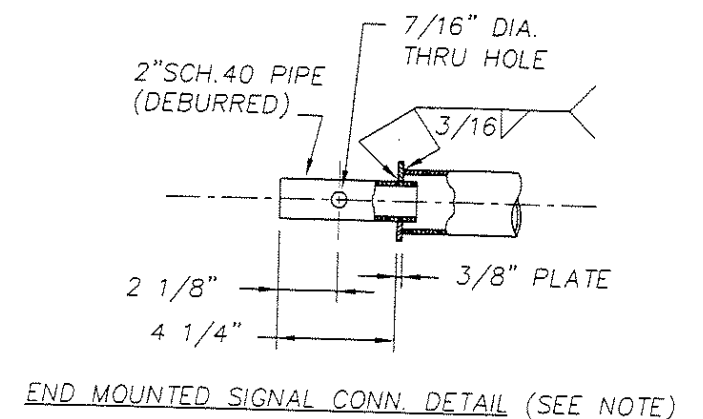
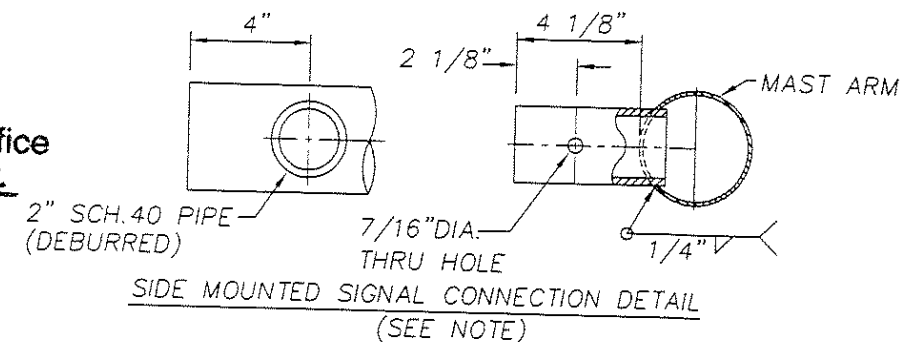
Manufacturer's Pole Plan
Approved For Listing As A
Pre-Approved Drawing
WSDOT Bridge & Structures Office
By GB Date 1/20/2004


TIGHTENING USING TURN OF NUT METHOD BY:
SPECIFICATION FOR STRUCTURAL JOINTS USING
A325 OR A490 BOLTS, RESEARCH COUNCIL ON
STRUCTURAL CONNECTIONS 6/00

1) BOLTS SHALL BE PLACED IN ALL HOLES WITH
WASHERS. COMPACTING THE JOINT TO THE SNUG
TIGHT CONDITION SHALL PROGRESS
SYSTEMATICALLY. THE SNUG-TIGHTENED CONDITION
IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW
IMPACTS OF AN IMPACT WRENCH OR THE FULL
EFFORT OF AN IRONWORKER USING AN ORDINARY
SPUD WRENCH TO BRING THE CONNECTED PLIES
INTO FIRM CONTACT.

2) FOR BOLT LENGTHS NOT MORE THAN 4 BOLT
DIAMETERS, WITH BOTH FACES NORMAL TO BOLT,
1/3 TURN PAST SNUG POINT. FOR ONE FACE
SLOPED NO MORE THAN 1:20, 1/2 TURN PAST
SNUG. FOR BOTH FACES SLOPED NO MORE
THAN 1:20 FROM BOLT, 2/3 TURN PAST SNUG.

UMC DESIGN NUMBER	ARM CONNECTION					
	X	Y	H	W	"P"	CONN. BOLTS
71026-B86-Y1	9"	14"	18"	14 1/2"	1 3/4"	1 1/4"x3 3/4"
71026-B86-Y2						
71026-B86-Y3						
71026-B86-Y4						
71026-B86-Y5						
71026-B86-Y6						
71026-B86-Y7						
71026-B86-Y8	14"	19"	23"	18"	2 1/4"	1 1/2"x4 1/2"
71026-B86-Y9						
71026-B86-Y10						
71026-B86-Y11						



				TYPE II STEEL TRAFFIC POLES FOR STATE OF WASHINGTON D.O.T.			
				LOF _____ ENG. REF. # 71026-B34			
				REQ. # 0873-07-1 S.O. # _____ CAD# _____			
				 Union Metal CORPORATION			
				DRAWN LCV			
				DATE 2/12/03			
				CHECKED EBL			
				DRAWING NO. 71026-B86			
				SHT. 2 OF 3			

REVISIONS

ORIGINAL